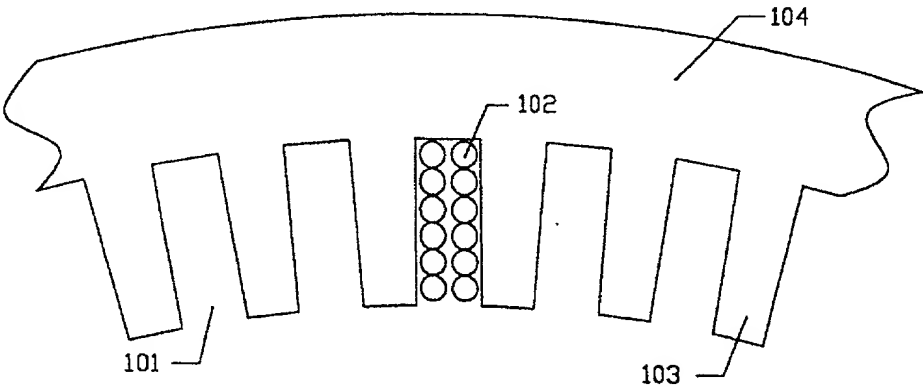


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按照专利合作条约(PCT)所公布的国际申请

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(21) 国际申请号: PCT/CN00/00039 (22) 国际申请日: 2000年3月1日(01.03.2000) (30) 优先权: 99103828.2 1999年3月9日(09.03.1999) CN (71) 申请人(对除美国以外的所有指定国): 深圳市贝来实验室(SHENZHEN BEILAI ELECTRIC LABORATORY) [CN/CN]; 中国广东省深圳市南山区龙井 珠光工业区 高发小区7号楼一层, Guangdong 518055 (CN)。 (72) 发明人;及 (75) 发明人/申请人(仅对美国): 白侠斌 (BAI, Xiabin) [CN/CN]; 丘雪明 (QIU, Xueming) [CN/CN]; 白晶辉 (BAI, Jinghui) [CN/CN]; 中国广东省深圳市南山区龙井 珠光工业区高发小区7号楼一层, Guangdong 518055 (CN)。 (74) 代理人: 中原信达知识产权代理有限责任公司(CHINA SINDA INTELLECTUAL PROPERTY LTD.); 中国北京市朝阳区建国路99号中服大厦1300室, Beijing 100020 (CN)。	(81) 指定国: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO专利(GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), 欧亚专利(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), 欧洲专利(AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI专利(BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG) 本国际公布: 包括国际检索报告。	
(54) Title: ELECTRICAL MACHINE WITH LARGE NUMBER OF POLES (54) 发明名称: 大极数电机		
		
(57) Abstract The invention relates to an improved structure of medium frequency and low speed electrical machine, in particular suitable for machine with large number of poles. Rotor is of permanent magnetic or electrically excited or induced, and number of poles is more than or equal to 8, armature windings consist of solid conductor and are arranged in layers with equal or varying pitch in slot, each turn of conductor adjacent to wall of the slot. Compared to the prior art, the invention save copper and ferrum, improve efficiency and easy to manufacture winding. It also applies to other cases except to replace common medium frequency machine.		